

DC

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/531,751  
Source: PUF  
Date Processed by STIC: 6/30/06

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/30/2006

PATENT APPLICATION: US/10/531,751

TIME: 08:40:19

Input Set : A:\Nov05.TXT

Output Set: N:\CRF4\06302006\J531751.raw

```

3 <110> APPLICANT: ARES TRADING S.A.
5 <120> TITLE OF INVENTION: Alpha Macroglobin Family Members
7 <130> FILE REFERENCE: P032079WO
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/531,751
C--> 10 <141> CURRENT FILING DATE: 2005-04-18
12 <150> PRIOR APPLICATION NUMBER: GB0224116.4
13 <151> PRIOR FILING DATE: 2002-10-16
15 <160> NUMBER OF SEQ ID NOS: 140
17 <170> SOFTWARE: SeqWin99, version 1.02
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 157
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
25 gttcctcagg ccagatctga cccactggca tttattacat tttctgctaa aggagccact      60
26 ctcaacctgg aagagaggag atctgtggca atcagatcca gagagaatgt ggtcttcgta      120
27 cagactgata aaccaccta caagcctgga cagaaag                                157
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 53
31 <212> TYPE: PRT
32 <213> ORGANISM: Homo sapiens
34 <400> SEQUENCE: 2
35 Val Pro Gln Ala Arg Ser Asp Pro Leu Ala Phe Ile Thr Phe Ser Ala
36 1          5          10          15
38 Lys Gly Ala Thr Leu Asn Leu Glu Glu Arg Arg Ser Val Ala Ile Arg
39          20          25          30
41 Ser Arg Glu Asn Val Val Phe Val Gln Thr Asp Lys Pro Thr Tyr Lys
42          35          40          45
44 Pro Gly Gln Lys Val
45          50
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 56
49 <212> TYPE: DNA
50 <213> ORGANISM: Homo sapiens
52 <400> SEQUENCE: 3
53 ttcatatatt aacattatTT ttatTTTTat ttcagtatcc agtgatcacc ctTcag      56
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 18
57 <212> TYPE: PRT
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 4
61 His Ile Leu Thr Leu Phe Leu Phe Leu Phe Gln Tyr Pro Val Ile Thr
62 1          5          10          15

```

## RAW SEQUENCE LISTING

DATE: 06/30/2006

PATENT APPLICATION: US/10/531,751

TIME: 08:40:19

Input Set : A:\Nov05.TXT

Output Set: N:\CRF4\06302006\J531751.raw

64 Leu Gln

67 &lt;210&gt; SEQ ID NO: 5

68 &lt;211&gt; LENGTH: 169

69 &lt;212&gt; TYPE: DNA

70 &lt;213&gt; ORGANISM: Homo sapiens

72 &lt;400&gt; SEQUENCE: 5

```

73 gatcctcaaaa acaatcggat ttttcaaagg caaaatgtga cttctttccg aaatattacc 60
74 caactctcgt tccaactgat ttcagaacca atgtttggag attactggat tgttgtgaaa 120
75 agaaactcaa gggagacagt gacacaccaa tttgctgtta aaagatatg 169

```

77 &lt;210&gt; SEQ ID NO: 6

78 &lt;211&gt; LENGTH: 57

79 &lt;212&gt; TYPE: PRT

80 &lt;213&gt; ORGANISM: Homo sapiens

82 &lt;400&gt; SEQUENCE: 6

```

83 Asp Pro Gln Asn Asn Arg Ile Phe Gln Arg Gln Asn Val Thr Ser Phe
84 1          5          10          15
86 Arg Asn Ile Thr Gln Leu Ser Phe Gln Leu Ile Ser Glu Pro Met Phe
87          20          25          30
89 Gly Asp Tyr Trp Ile Val Val Lys Arg Asn Ser Arg Glu Thr Val Thr
90          35          40          45
92 His Gln Phe Ala Val Lys Arg Tyr Val
93          50          55

```

95 &lt;210&gt; SEQ ID NO: 7

96 &lt;211&gt; LENGTH: 85

97 &lt;212&gt; TYPE: DNA

98 &lt;213&gt; ORGANISM: Homo sapiens

100 &lt;400&gt; SEQUENCE: 7

```

101 tgctgcccac gtttgaagtt acagtcaatg caccacaaac agtaactatt tcagatgatg 60
102 aattccaagt ggatgtatgt gctaa 85

```

104 &lt;210&gt; SEQ ID NO: 8

105 &lt;211&gt; LENGTH: 28

106 &lt;212&gt; TYPE: PRT

107 &lt;213&gt; ORGANISM: Homo sapiens

109 &lt;400&gt; SEQUENCE: 8

```

110 Leu Pro Lys Phe Glu Val Thr Val Asn Ala Pro Gln Thr Val Thr Ile
111 1          5          10          15
113 Ser Asp Asp Glu Phe Gln Val Asp Val Cys Ala Lys
114          20          25

```

116 &lt;210&gt; SEQ ID NO: 9

117 &lt;211&gt; LENGTH: 118

118 &lt;212&gt; TYPE: DNA

119 &lt;213&gt; ORGANISM: Homo sapiens

121 &lt;400&gt; SEQUENCE: 9

```

122 gtacaacttt ggccaacctg tgcaagggga aaccacaaatc cgggtgtgca gagagtattt 60
123 ttcttcaagc aattgtgaga aaaatgaaaa tgaaatatgt gagcaattta ttgcacag 118

```

125 &lt;210&gt; SEQ ID NO: 10

126 &lt;211&gt; LENGTH: 39

127 &lt;212&gt; TYPE: PRT

128 &lt;213&gt; ORGANISM: Homo sapiens

## RAW SEQUENCE LISTING

DATE: 06/30/2006

PATENT APPLICATION: US/10/531,751

TIME: 08:40:19

Input Set : A:\Nov05.TXT

Output Set: N:\CRF4\06302006\J531751.raw

130 &lt;400&gt; SEQUENCE: 10

131 Tyr Asn Phe Gly Gln Pro Val Gln Gly Glu Thr Gln Ile Arg Val Cys

132 1 5 10 15

134 Arg Glu Tyr Phe Ser Ser Ser Asn Cys Glu Lys Asn Glu Asn Glu Ile

135 20 25 30

137 Cys Glu Gln Phe Ile Ala Gln

138 35

140 &lt;210&gt; SEQ ID NO: 11

141 &lt;211&gt; LENGTH: 112

142 &lt;212&gt; TYPE: DNA

143 &lt;213&gt; ORGANISM: Homo sapiens

145 &lt;400&gt; SEQUENCE: 11

146 ttggaaaatg gttgtgtttc tcaaattgta aatacaaaag tcttccaact ctaccgttcg 60

147 ggattgttca tgacatttca tgcgcgtgta attgttacag aatctgggac ag 112

149 &lt;210&gt; SEQ ID NO: 12

150 &lt;211&gt; LENGTH: 38

151 &lt;212&gt; TYPE: PRT

152 &lt;213&gt; ORGANISM: Homo sapiens

154 &lt;400&gt; SEQUENCE: 12

155 Leu Glu Asn Gly Cys Val Ser Gln Ile Val Asn Thr Lys Val Phe Gln

156 1 5 10 15

158 Leu Tyr Arg Ser Gly Leu Phe Met Thr Phe His Val Ala Val Ile Val

159 20 25 30

161 Thr Glu Ser Gly Thr Val

162 35

164 &lt;210&gt; SEQ ID NO: 13

165 &lt;211&gt; LENGTH: 110

166 &lt;212&gt; TYPE: DNA

167 &lt;213&gt; ORGANISM: Homo sapiens

169 &lt;400&gt; SEQUENCE: 13

170 ttatgcagat cagcgagaag acctcagttt ttatcactca attgcttgga actgtaaact 60

171 ttgagaacat ggatacatc tatagaagag ggatttctta ttttggaact 110

173 &lt;210&gt; SEQ ID NO: 14

174 &lt;211&gt; LENGTH: 36

175 &lt;212&gt; TYPE: PRT

176 &lt;213&gt; ORGANISM: Homo sapiens

178 &lt;400&gt; SEQUENCE: 14

179 Met Gln Ile Ser Glu Lys Thr Ser Val Phe Ile Thr Gln Leu Leu Gly

180 1 5 10 15

182 Thr Val Asn Phe Glu Asn Met Asp Thr Phe Tyr Arg Arg Gly Ile Ser

183 20 25 30

185 Tyr Phe Gly Thr

186 35

188 &lt;210&gt; SEQ ID NO: 15

189 &lt;211&gt; LENGTH: 159

190 &lt;212&gt; TYPE: DNA

191 &lt;213&gt; ORGANISM: Homo sapiens

193 &lt;400&gt; SEQUENCE: 15

194 cttaaatttt cggatcccaa taatgtacct atggtgaaca agttgttgca actggagctc 60

## RAW SEQUENCE LISTING

DATE: 06/30/2006

PATENT APPLICATION: US/10/531,751

TIME: 08:40:19

Input Set : A:\Nov05.TXT

Output Set: N:\CRF4\06302006\J531751.raw

```

195 aatgatgaat ttataggaaa ttacactacg gatgagaatg gcgaagctca attttcatt 120
196 gacacttcag acatatttga tccagagttc aacctaaaa 159
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 53
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 16
204 Leu Lys Phe Ser Asp Pro Asn Asn Val Pro Met Val Asn Lys Leu Leu
205 1 5 10 15
207 Gln Leu Glu Leu Asn Asp Glu Phe Ile Gly Asn Tyr Thr Thr Asp Glu
208 20 25 30
210 Asn Gly Glu Ala Gln Phe Ser Ile Asp Thr Ser Asp Ile Phe Asp Pro
211 35 40 45
213 Glu Phe Asn Leu Lys
214 50
216 <210> SEQ ID NO: 17
217 <211> LENGTH: 228
218 <212> TYPE: DNA
219 <213> ORGANISM: Homo sapiens
221 <400> SEQUENCE: 17
222 gccacatatg ttcgacctga gagctgctat cttcccagct ggttgacgcc tcagtacttg 60
223 gatgctcact tcttagtctc acgctttttac tcccgaacca acagcttcct gaagattggt 120
224 ccagaaccaa agcagcttga atgtaatcaa cagaagggtg ttactgtgca ttactcccta 180
225 aacagtgaag catatgagga tgattccaat gtaaagtctt tctatttg 228
227 <210> SEQ ID NO: 18
228 <211> LENGTH: 76
229 <212> TYPE: PRT
230 <213> ORGANISM: Homo sapiens
232 <400> SEQUENCE: 18
233 Ala Thr Tyr Val Arg Pro Glu Ser Cys Tyr Leu Pro Ser Trp Leu Thr
234 1 5 10 15
236 Pro Gln Tyr Leu Asp Ala His Phe Leu Val Ser Arg Phe Tyr Ser Arg
237 20 25 30
239 Thr Asn Ser Phe Leu Lys Ile Val Pro Glu Pro Lys Gln Leu Glu Cys
240 35 40 45
242 Asn Gln Gln Lys Val Val Thr Val His Tyr Ser Leu Asn Ser Glu Ala
243 50 55 60
245 Tyr Glu Asp Asp Ser Asn Val Lys Phe Phe Tyr Leu
246 65 70 75
248 <210> SEQ ID NO: 19
249 <211> LENGTH: 55
250 <212> TYPE: DNA
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 19
254 atgatggtaa aaggagctat cttactcagt ggacaaaagg aaatcagaaa caaag 55
256 <210> SEQ ID NO: 20
257 <211> LENGTH: 19
258 <212> TYPE: PRT
259 <213> ORGANISM: Homo sapiens

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,751

DATE: 06/30/2006

TIME: 08:40:19

Input Set : A:\Nov05.TXT

Output Set: N:\CRF4\06302006\J531751.raw

261 &lt;400&gt; SEQUENCE: 20

262 Met Met Val Lys Gly Ala Ile Leu Leu Ser Gly Gln Lys Glu Ile Arg

263 1 5 10 15

265 Asn Lys Ala

268 &lt;210&gt; SEQ ID NO: 21

269 &lt;211&gt; LENGTH: 146

270 &lt;212&gt; TYPE: DNA

271 &lt;213&gt; ORGANISM: Homo sapiens

273 &lt;400&gt; SEQUENCE: 21

274 cctggaatgg aaacttctcg ttcccaatca gcatcagtcg tgatctggct cctgcagccg 60

275 tcctgtttgt ctataccctt caccctcagtg gggaaattgt ggctgacagt gtcagattcc 120

276 aggttgacaa gtgctttaaa cacaag 146

278 &lt;210&gt; SEQ ID NO: 22

279 &lt;211&gt; LENGTH: 48

280 &lt;212&gt; TYPE: PRT

281 &lt;213&gt; ORGANISM: Homo sapiens

283 &lt;400&gt; SEQUENCE: 22

284 Trp Asn Gly Asn Phe Ser Phe Pro Ile Ser Ile Ser Ala Asp Leu Ala

285 1 5 10 15

287 Pro Ala Ala Val Leu Phe Val Tyr Thr Leu His Pro Ser Gly Glu Ile

288 20 25 30

290 Val Ala Asp Ser Val Arg Phe Gln Val Asp Lys Cys Phe Lys His Lys

291 35 40 45

294 &lt;210&gt; SEQ ID NO: 23

295 &lt;211&gt; LENGTH: 150

296 &lt;212&gt; TYPE: DNA

297 &lt;213&gt; ORGANISM: Homo sapiens

299 &lt;400&gt; SEQUENCE: 23

300 gttaacataa agttctctaa cgagcagggc ttacctgggt ccaatgctag tctctgtctt 60

301 caagcggcgc ctgtcttatt ctgtgccctc agggctgtgg ataggaatgt ccttctactg 120

302 aaatctgaac aacagctgtc agctgaaagt 150

304 &lt;210&gt; SEQ ID NO: 24

305 &lt;211&gt; LENGTH: 50

306 &lt;212&gt; TYPE: PRT

307 &lt;213&gt; ORGANISM: Homo sapiens

309 &lt;400&gt; SEQUENCE: 24

310 Val Asn Ile Lys Phe Ser Asn Glu Gln Gly Leu Pro Gly Ser Asn Ala

311 1 5 10 15

313 Ser Leu Cys Leu Gln Ala Ala Pro Val Leu Phe Cys Ala Leu Arg Ala

314 20 25 30

316 Val Asp Arg Asn Val Leu Leu Leu Lys Ser Glu Gln Gln Leu Ser Ala

317 35 40 45

319 Glu Ser

320 50

322 &lt;210&gt; SEQ ID NO: 25

323 &lt;211&gt; LENGTH: 171

324 &lt;212&gt; TYPE: DNA

325 &lt;213&gt; ORGANISM: Homo sapiens

327 &lt;400&gt; SEQUENCE: 25

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/531,751

DATE: 06/30/2006

TIME: 08:40:20

Input Set : A:\Nov05.TXT

Output Set: N:\CRF4\06302006\J531751.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date